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Name of Work : Improvements and Reasphalting road from St. Marys School Back Side road and Eagle Bakery to 5th cross in Dasarahalli Ward No.15, BBMP, Bangalore.

Name of Client	:	**Executive Engineer,** Dasarahalli Division, BBMP, Bangalore.
Contractor/Agency	:	**Sri. K.T. Ramesh,** Contractor, Bangalore.
Total Cost	:	Rs.16.06 Lakhs
Date of Inspection	:	11.12.2018
In the Presence of	:	(a) **Assistant Engineer, (**Ward No.15), BBMP, Bangalore.
	:	(b) **Mr. Vinay Kumar B,** Engineer M/s Civil Quality Consultants & Engineers, Bangalore.

COMPLIANCE REPORT

Sl.No	Description of the Item		Comments / observations
1	Removing B.S slab of drain and stacking complete as per the direction of Engineer-in-charge	:	Work done up to the billed quantity and Quality is satisfactory
2	Earthwork excavation by manual means in Ordinary soil involving an average horizontal throw upto	:	Work done up to the billed quantity and Quality is satisfactory
3	Refixing stone slabs of drains and pointing in CM 1:3 with all leads and lifts etc., complete as per the	:	Work done up to the billed quantity and Quality is satisfactory
4	Supplying and fixing precast reinforced concrete slab 10 cm thick of mix M20 using 20mm		Work done up to the billed quantity and Quality is satisfactory
5	Compaction of original ground with maximum of 6 passes of 8 to 10 tonnes power roller	:	Work done up to the billed quantity and Quality is satisfactory
6	For Grading I material construction of granular sub-base by providing coarse graded crushed stone aggregates of	:	Work done up to the billed quantity and Quality is satisfactory

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ದಾಸರಹಳ್ಳಿ ಉಪ-ವಿಭಾಗ

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7	Providing, laying, spreading and compacting stone aggregate to wet mix macadam specification including premixing the Material	:	Work done up to the billed quantity and Quality is satisfactory
8	Providing and applying primer coat with S.S bitumen emulsion on prepared surface of granular base such as WMM including	:	Work done up to the billed quantity and Quality is satisfactory
9	Providing and applying tack coat on the prepared black topped surfaces at 2.5 kg per 10 sqm,	:	Work done up to the billed quantity and Quality is satisfactory
10	Providing and laying bituminous macadam on prepared surface with crushed coarse aggregates as per design mix formula for base	:	Work done up to the billed quantity and Quality is satisfactory
11	Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with	:	Work done up to the billed quantity and Quality is satisfactory
12	Providing and laying bituminous concrete with hot mix plant using crushed aggregates of specified	:	Work done up to the billed quantity and Quality is satisfactory

For CIVIL QUALITY CONSULTANTS & ENGINEERS

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CIVIL QUALITY CONSULTANTS & ENGINEERS Bangalore

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Job No.: CQCE/BBMP/KTR /W.No.15/2018-19 Date: 13.11.2018

TEST REPORT

CLIENT	:	**Executive Engineer,** Dasarahalli Division, BBMP, Bangalore.
AGENCY	:	**Sri. K.T. Ramesh,** Contractor, Bangalore.
NAME OF THE WORK	:	Improvements and Reasphalting road from St. Marys School Back Side road and Eagle Bakery to 5th cross in Dasarahalli Ward No.15, BBMP, Bangalore.
REFERENCE	:	EE/DD/WO/227/2017-18 Dated: 12.02.2018
SAMPLE ID	:	Cement
SAMPLES SUPPLIED BY	:	AGENCY

The results of the tests conducted on the cement sample are as follows:

Sl.No	Descriptions	Test Method as per IS	Test Result	Requirements as per IS: 12269-1987
1	a) Initial Setting Time	IS-4031 (Part -5)	135 Minutes	Not Less than 30 Minutes
	b) Final Setting Time	IS-4031 (Part -5)	395 Minutes	Not More than 600 Minutes
2	Soundness	IS-4031 (Part 3) by the Le-Chatelier method	1 mm	Not more than 10 mm
3	Standard Consistency	IS-4031 (Part -4)	30.00 %	-

Note:

⇒ The report shall not be reproduced, except in full, without the written approval of the laboratory.

⇒ The results indicated above are based on the tests carried out on the samples received in the laboratory.

⇒ Any Query regarding the report must be reported within 30 days from the date of testing.

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Job No.: CQCE/BBMP/KTR /W.No.15/2018-19 Date : 13.11.2018

TEST REPORT ON FINE AGGREGATES (SAND)
IS 383-1970 (RA- 2002)

Client : **Executive Engineer,** Dasarahalli Division, BBMP, Bangalore.
Agency : **Sri. K.T. Ramesh,** Contractor, Bangalore.
Name of Work : Improvements and Reasphalting road from St. Marys School Back Side road and Eagle Bakery to 5th cross in Dasarahalli Ward No.15, BBMP, Bangalore.
Reference : EE/DD/WO/227/2017-18 Dated: 12.02.2018
Date of Testing : 13.11.2018
Material : Sand

Total Wt. of Aggregates in gms **1000**

Is Sieve Size in mm	Weight Retained (gm)	Retained Weight in %	Cumulative Retained Weight in %	Cumulative Weight Passing in %	Spec.Limits For Zone-II
10	0	0	0	100	100
4.75	70	7.00	7.00	93.0	90-100
2.36	146	14.60	21.60	78.4	75-100
1.18	150	15.00	36.60	63.4	55-90
600 Micron	168	16.80	53.40	46.6	35-59
300 Micron	226	22.60	76.00	24.0	8-30
150 Micron	175	17.50	93.50	6.5	0-10

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Job No.: CQCE/BBMP/KTR /W.No.15/2018-19 Date : 13.11.2018

TEST REPORT ON COARSE AGGREGATES
IS 383-1970 (RA- 2002)

Client : **Executive Engineer,** Dasarahalli Division, BBMP, Bangalore.
Agency : **Sri. K.T. Ramesh,** Contractor, Bangalore.
Name of Work : Improvements and Reasphalting road from St. Marys School Back Side road and Eagle Bakery to 5th cross in Dasarahalli Ward No.15, BBMP, Bangalore.
Reference : EE/DD/WO/227/2017-18 Dated: 12.02.2018
Date of Testing : 13.11.2018
Material : 40mm Aggregates

Total Wt. of Aggregates in gms **15000**

Is Sieve Size in mm	Weight Retained (gm)	Retained Weight in %	Cumulative Retained Weight in %	Cumulative Weight Passing in %	Spec.Limits
80	0	0	0	100	100
40	540	3.60	3.60	96.40	95-100
20	5535	36.90	40.50	59.50	30-70
10	4765	31.77	72.27	27.73	10-35
4.75	3584	23.89	96.16	3.84	0-5

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Job No.: CQCE/BBMP/KTR /W.No.15/2018-19 Date : 13.11.2018

TEST REPORT ON COARSE AGGREGATES
IS 383-1970 (RA- 2002)

Client : **Executive Engineer,** Dasarahalli Division, BBMP, Bangalore.
Agency : **Sri. K.T. Ramesh,** Contractor, Bangalore.
Name of Work : Improvements and Reasphalting road from St. Marys School Back Side road and Eagle Bakery to 5th cross in Dasarahalli Ward No.15, BBMP, Bangalore.
Reference : EE/DD/WO/227/2017-18 Dated: 12.02.2018
Date of Testing : 13.11.2018
Material : 20mm Aggregates

Total Wt. of Aggregates in gms= **5000**

Is Sieve Size in mm	Weight Retained (gm)	Retained Weight in %	Cumulative Retained Weight in %	Cumulative Weight Passing in %	Spec.Limits
40	0	0	0	100	100
20	187	3.7	3.7	96.3	95-100
10	3365	67.3	71.0	29.0	25-55
4.75	1058	21.2	92.2	7.8	0-10

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Job No.: CQCE/BBMP/KTR /W.No.15/2018-19 Date: 15.11.2018

PRECAST SLAB 100mm Thick(CORE) TEST REPORT

Client	:	**Executive Engineer,** Dasarahalli Division, BBMP, Bangalore.
Contractor	:	**Sri. K.T. Ramesh,** Contractor, Bangalore.
Name of Work	:	Improvements and Reasphalting road from St. Marys School Back Side road and Eagle Bakery to 5th cross in Dasarahalli Ward No.15, BBMP, Bangalore.
Reference	:	EE/DD/WO/227/2017-18 Dated: 12.02.2018
No.of Sample Tested	:	03
Date of Testing	:	15.11.2018
Techinical Reference	:	IS:516-1959 (Reaffirmed 1999), SP-24:1983.
Grade of Concrete	:	M_{20}

L No.	Dia of Core D (mm)	Height of Core H (mm)	Core Wt (Kg)	Density of Core (kg / m^3)	H / D	Correction factor (Based on H/D)	Failure Load (kN)	Core Strength (N/mm^2)	Correction Factor for the Dia. (Strength of the Core x 1.08)	Corrected Cylinder Compressive Strength (N/mm^2)	Equivalent Cube Compressive Strength (N/mm^2)
1	50.00	82.00	0.365	2266.99	1.64	0.960	31.80	16.20	17.49	16.79	20.99
2	50.00	84.00	0.389	2358.52	1.68	0.960	33.60	17.11	18.48	17.74	22.18
3	50.00	86.00	0.405	2398.43	1.72	0.960	35.80	18.23	19.69	18.90	23.63

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Job No.: CQCE/BBMP/KTR /W.No.15/2018-19

Date : 22.11.2018

GRADATION FOR GSB(Coarse Graded-1)
IS : 2720 (Part - 4)

Client : **Executive Engineer,** Dasarahalli Division, BBMP, Bangalore.
Agency : **Sri. K.T. Ramesh,** Contractor, Bangalore.
Name of work : Improvements and Reasphalting road from St. Marys School Back Side road and Eagle Bakery to 5th cross in Dasarahalli Ward No.15, BBMP, Bangalore.
Reference : EE/DD/WO/227/2017-18 Dated: 12.02.2018
Date of Testing : 22.11.2018
Sample Source : Mix Plant Bangalore. **Oven Dry Wt (gm) :** 5000

TABLE – 1

Is Sieve Size in mm	Weight Retained (gm)	Cumulative Weight Retained (gm)	Cumulative % of Retained	Cumulative % of Passing	Specified Limits
75	-	-	-	100	100
26.5	1598	1598	31.96	68.04	55-75
4.75	2640	4238	84.76	15.24	10-30
0.075	539	4777	95.54	4.46	<10

Remarks: Satisfies MORTH Specifications as per Table 400-2, Grading I

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